

Converting Colors

XYZ(22.3644, 24.0335, 26.6619)

Have a look what the booklet for
XYZ(22.3644, 24.0335, 26.6619)
contains.

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Color

**XYZ(22.4540, 24.1317,
26.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	828888
RGB	130, 136, 136
RGB Percent	51%, 53%, 53%
CMY	0.4902, 0.4667, 0.4667
CMYK	0.04, 0.00, 0.00, 0.47
HSL	180°, 2%, 52%
HSV	180°, 4%, 53%
XYZ	22.4540, 24.1317, 26.7670
YIQ	134.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

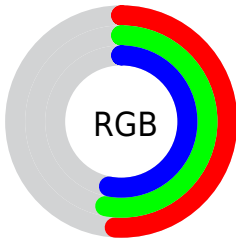
Format	Color
R _Y B	130, 133, 136
Decimal	8554632
CIE Lab	56.22, -2.20, -0.77
CIE LCh	56, 2.330, 199.349
Yxy	24.1317, 0.3061, 0.3290
Android (android.graphics.Color)	4286744712 (0xFF828888)
YUV	134.2060, 0.8844, -3.6887
Hunter-Lab	49.1240, -4.3769, 2.0805

Details

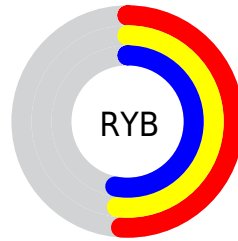
The XYZ color **22.4540, 24.1317, 26.7670** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1661, 22.8118, 24.3550**, and the grayscale version is **22.7341, 23.9180, 26.0467**.

A 20% lighter version of the original color is **46.9113, 50.1366, 55.3490**, and **8.4008, 9.0768, 10.1133** is the 20% darker color. If you saturate the color by 10%, you get **20.5041, 23.1272, 26.6744**, and if you desaturate by 10%, it is **24.6810, 25.2804, 26.8735**.

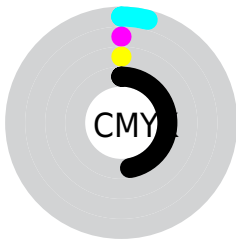
Distribution



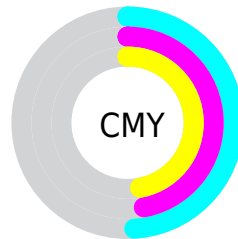
- Red (51%)
- Green (53%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4540, 24.1317, 26.7670 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 22.4540, 24.1317, 26.7670 by changing the saturation by 10% instead.

■ 22.4540, 24.1317,
26.7670

■ 22.4540, 24.1317,
26.7670

257.4961,
273.4856, 300.2516

■ 14.3093, 15.4313,
17.1674

■ 46.9685, 50.2450,
55.5089

■ 8.4193, 9.1227,
10.1907

■ 64.0691, 68.4268,
75.4884

■ 4.4184, 4.8213,
5.4183

■ 84.8856, 90.5378,
99.7648

■ 1.9415, 2.1428,
2.4317

109.7836,
116.9625, 128.7569

■ 0.6008, 0.6885,
0.8037

139.1282,
148.0852, 162.8830

■ 0.0000, 0.0000,
0.0000

173.2850,

184.2904, 202.5619

212.6192,
225.9624, 248.2119

■ 22.4540, 24.1317,
26.7670

■ 22.4540, 24.1317,
26.7670

■ 20.5041, 23.1272,
26.6744

■ 24.6810, 25.2804,
26.8735

■ 18.8186, 22.2583,
26.5937

■ 27.1933, 26.5755,
26.9929

■ 17.3866, 21.5202,
26.5249

■ 30.0011, 28.0229,
27.1262

■ 16.1960, 20.9064,
26.4673

■ 33.1137, 29.6275,
27.2736

■ 15.2334, 20.4102,
26.4205

■ 36.5397, 31.3936,
27.4358

■ 14.4844, 20.0241,
26.3836

■ 40.2877, 33.3258,
27.6130

■ 13.9325, 19.7397,
26.3560

■ 44.3658, 35.4280,
27.8057

■ 13.5593, 19.5473,
26.3367

■ 48.7817, 37.7045,
28.0142

■ 13.3406, 19.4346,
26.3246

■ 53.5431, 40.1590,
28.2388

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22.4341, 24.1317, 26.0037



22.4540, 24.1317, 26.7670



22.6026, 24.1317, 27.4102

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.4540, 24.1317, 26.7670



23.3294, 24.1317, 27.2478



23.0318, 24.1317, 24.8524

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.4540, 24.1317, 26.7670



22.1661, 22.8118, 24.3550

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.2736, 24.1317, 25.1722



22.4540, 24.1317, 26.7670



23.4463, 24.1317, 26.5488

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.4540, 24.1317, 26.7670



23.1075, 24.1317, 27.6916



23.4258, 24.1317, 25.7897



22.7663, 24.1317, 24.9082

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.4540, 24.1317, 26.7670



22.7553, 24.1317, 27.6797



23.4258, 24.1317, 25.7897



23.1186, 24.1317, 24.9193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.4547, 24.1327, 26.7675



40.8450, 43.1842, 47.2307



22.0554, 23.9748, 24.5846



9.4653, 10.0041, 10.9384



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.4547, 24.1327, 26.7675



39.3153, 42.3957, 47.1578



22.0517, 23.3266, 26.6340



5.3498, 5.7799, 6.4393



12.5356, 18.3468, 24.9090



0.0833, 0.1219, 0.1655

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.1661, 22.8118, 24.3550



38.7293, 39.7134, 42.2589



22.5573, 23.5945, 24.4847



5.2639, 5.3866, 5.7210



9.6101, 4.9542, 0.4511



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 22.4540, 24.1317, 26.7670 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.4540, 24.1317, 26.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

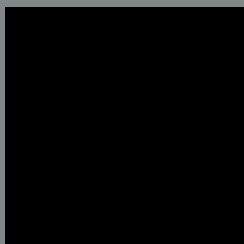
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

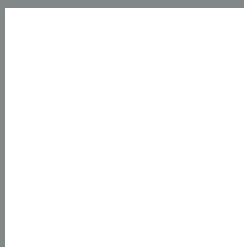
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4540, 24.1317, 26.7670

Background



This preview shows how black text looks on a background with the XYZ color 22.4540, 24.1317, 26.7670.



This preview shows how white text looks on a background with the XYZ color 22.4540, 24.1317,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.4540, 24.1317, 26.7670

Protanopia

23.2148, 24.1178, 26.3533

Deuteranopia

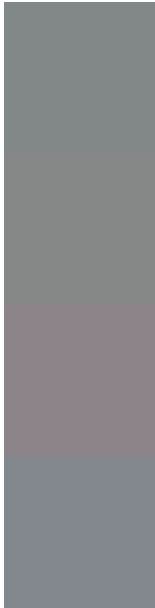
24.3520, 23.8824, 26.9932



Tritanopia

23.2905, 24.2778, 30.2466

Trichromacy



Original Color

22.4540, 24.1317, 26.7670

Protanomaly

22.8687, 24.1455, 26.3769

Deuteranomaly

23.5818, 23.8841, 27.0341

Tritanomaly

22.9065, 24.1062, 29.0369

Monochromacy



Original Color

22.4540, 24.1317, 26.7670

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7100, 24.0638, 26.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4540, 24.1317, 26.7670 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(130, 136, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.4540, 24.1317, 26.7670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 136, 136) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 136, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(130, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4540, 24.1317, 26.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 136, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
136, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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